



GAU 1631 -

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: Chudoba et al.) Attorney reference: 25048-15
Serial No.: 09/250,466)
Filing Date: February 16, 1999) Examiner: J. Lundgren
Title: METHOD OF IDENTIFYING) Group Art Unit: 1631
CHANGES IN BIOPOLYMERS)

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, DC 20231

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Commissioner of
Patents and Trademarks, Washington, D.C.
20231, on 03 October 2000

Date

Dear Sir:

Applicants hereby respond to the Office Action mailed 03 July 2000 with respect to the referenced application. Applicants request entry of the following amendments, and consideration of the following remarks. Applicants submit that these amendments and remarks fully respond to the rejection of the claims, and that the claims are in condition for allowance.

Please amend the application as follows:

IN THE CLAIMS:

~~1.~~ (Amended) A method of identifying [changes in] differences between biopolymers, the method comprising the steps:

(a) providing different sets of [labelled] labeled detector molecules in which:

~~at least two sets of said [labelled] labeled detector molecules are specifically bondable to a certain region in said biopolymers, and~~

~~the labels of said [labelled] labeled detector molecules of one of said at least two sets differ from the labels of said [labelled] labeled detector molecules of another of said at least two sets;~~